

DEPARTMENT OF ENVIRONMENTAL QUALITY

DIVISION OF AIR QUALITY FY 2006 GOALS

I. DAQ STRATEGIC GOAL

PROTECT THE ENVIRONMENT

Attain and maintain air quality to protect public health and the environment through a comprehensive program including development and implementation of air pollution control strategies; promotion of compliance; monitoring of emissions and ambient air; promotion of appropriate pollution prevention activities; and further development and optimization of the emissions inventory process. Develop and implement control strategy plans, permitting process and compliance procedures, and rules which protect air quality, enhance appropriate development, and enhance Utah's economic potential. Operate a quality assurance program under a comprehensive Division QA policy.

Measures:

- a. National Ambient Air Quality Standards are attained and maintained. ^{CPM A1 P2}
- b. National Emission Standards for Hazardous Air Pollutants are attained and maintained. ^{CPM A2}
- c. PSD Increments are protected.
- d. State Implementation Plans (SIPs) are developed to attain and maintain air quality.
- e. Regulated community compliance status improves.
- f. Monitoring network collects appropriate and valid data. ^{CPM A7}
- g. Appropriate emission inventories are completed and trends developed. ^{CPM A1}
- h. Appropriate permits are issued in accordance with the Clean Air Act and State law requirements.

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1. Appropriate SIPs are developed and implemented in all areas of the state. ^{CPM A4 A6}

Measures:

- a. State develops all State Implementation Plan revisions required to meet federal law and submits them to EPA for their review and approval according to the established timeframe.
2. Existing SIPs are implemented.^{CMP A7}

Measures:

- a. All measures contained in the SIP approved by the Air Quality Board are fully implemented.
3. Air Quality issues in areas of the State outside the Wasatch Front are addressed as appropriate.

Measures:

- a. The Cache County stakeholders are assisted to assess the air quality in the Cache Valley.
- b. Washington County stakeholders are assisted to assess the air quality in St. George in Washington County.
4. Appropriate Inventories are developed and improved.^{CMP A1 A5}

Measures:

- a. The Title V inventory is prepared by August 15.
- b. A HAP inventory is prepared by August 15.
- c. Non-HAP/non-Criteria/non-MACT regulated pollutants are inventoried as required by federal rules.
- d. The inventories required for the Maintenance Plans and SIPs are developed as required and appropriate technical support for each is submitted to EPA for their review with the applicable plan.
5. PSD increment tracking continues to meet federal requirements.

Measures:

- a. Increment consumption for Major Sources is tracked as permits are issued.
6. Maintain an adequate ambient air quality monitoring program according to 40 CFR Part 58 to

assess public exposure to air pollutants and to determine attainment status.^{CPM A3 A4}

Measures:

- a. The annual Monitoring Network Review is completed and submitted to EPA by June 30.
 - b. PM2.5 monitoring network is maintained and operated.
 - c. Monitoring data are submitted to EPA 90 days after each quarter.
 - d. Locations for new monitoring sites are based on current emission inventories, air quality modeling and EPA regulation.
 - e. Work with EPA to assess the impacts of the proposed changes to 40 CFR 58, and begin planning for the implementation of those changes (National Monitoring Strategy/Ncore Monitoring Network).
 - f. Operate and maintain the National Air Toxics Trends site in Bountiful, including addition of a chrome-6 sampler, in accordance with NATTS QAPP with appropriate updates.
7. Pro-active pollution reduction measures are reviewed and implemented as appropriate.^{CPM A2}

Measures:

- a. Pollution prevention measures are promoted during permit development where appropriate and feasible.
8. Maintain and assist the compliance status of air pollution sources in the State.

Measures:

- a. By November 15, prepare and submit the compliance monitoring strategy to EPA for review and approval by December 15. The provisions of EPA's April 25, 2001 Clean Air Act Stationary Source Compliance Monitoring Strategy will be incorporated into the State's strategy.
- b. Asbestos notification, certification, and outreach programs are implemented, and at least 120 on-site inspections are performed.^{ASB}
- c. The work program for the AHERA Toxic Substances Compliance Monitoring Grant is implemented.^{CPM A7}
- d. The work program for the State Lead Program Development Grant is implemented,

and a program that meets State needs is developed in conjunction with other affected agencies.^{LD}

9. Implement the Operating Permits Program meeting the current requirements of Title V, CAAA 1990, and the Utah Air Conservation Act.

Measures:

- a. An Operating Permits Program is continued as described in program approval from EPA.
 - b. The provisions of the Acid Rain Act and 40 CFR Part 72 and Part 76 are implemented.
10. Continue issuing approval orders for new sources and modifications of the existing approval orders.

Measures:

- a. Communications with sources are carried out effectively to complete NOI submittals and any other information necessary for reviews.
 - b. Air quality modeling is completed to ensure the protection of the NAAQS and PSD increment ceilings in class I and class II areas.
 - c. Hazardous air pollutants (HAP) and other non-criteria regulated pollutant emissions are documented and reviewed, and if necessary, air quality modeling for HAP sources is completed to assess the ambient impact.
 - d. Follow through on any issues identified in EPA program evaluations in FY05 for NSR and Title V.
 - e. Either input BACT/LAER determinations into the RACT/BACT/LAER Clearinghouse or provide the information to EPA so they can enter the data into it.
11. Continue issuing pollution control facility certifications for sales tax exemption:

Measure:

- a. Pollution control facility certifications are issued within 120 days from the application date.
12. Quality Assurance programs are reviewed for effectiveness.

Measures:

- a. Statistical quality standards are met for the collection of ambient air data and emissions inventories prepared by the State.
- b. Rules, regulations, procedures, policies, and protocols are complied with.
- c. Regulatory activities will be documented including the appropriate technical support.
- d. The State and EPA agree on the adequate quality of air program results.

II. DAQ STRATEGIC GOAL**INVOLVE OTHERS IN THE PROCESS**

Involve customers (internal/external) in the development of SIPs, issuing permits, and compliance activities. Form partnerships with stakeholders to ensure consideration of all relevant issues. Align with customer (internal/external) needs and improve delivery of quality service by identifying and understanding customer needs, and by negotiating reasonable solutions to meet customer needs.

Measures:

- a. Customer feedback is obtained, reviewed, and appropriate action is taken.
- b. Cost of implementation is evaluated.
- c. Time required to meet customer needs is minimized.
- d. Stakeholders are involved in the development of air quality strategies and plans.

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1. The web site is enhanced to increase the availability for public usage.

Measures:

- a. Progress is made to develop provisions for external customers to comment on proposed rules, submit inventory data, and submit NOIs and emissions inventories via the web, as well as providing clear and accurate information via the web.
 - b. Staff input to the web page increases, including increased availability of public documents, data, charts, graphs, project status, etc.
2. Involve affected entities in the rule making, SIP development, and permitting process.

Measures:

- a. Partnerships include appropriate parties and the scope of the affected entities and their respective roles are clearly defined.
 - b. Meetings are held to address a variety of issues including environment, health, and economic concerns, statutory requirements and implementation.
 - c. SIP Stakeholder workgroups are supported during development of revisions to the SIP and development of the various Maintenance Plans.
3. The small business assistance program (SBAP) is maintained which actively assists small businesses to comply with rules of the Board.^{SBA}

Measures:

- a. Educational Assistance is provided to all small businesses affected by adopted NSPS and MACT standards.
 - b. As appropriate, the Small Business Advisory Panel's role is modified to increase the effectiveness of the SBAP.
 - c. Voluntary on-site assistance is provided.
 - d. The small business work plan for the Small Business Advisory Panel is modified as appropriate to better meet assistance needs.
 - e. Assistance tracking is modified as appropriate to better provide and measure assistance needs.
4. DAQ internal communications will be improved.

Measures:

- a. Quality Council will be used to identify cross-cutting issues and establish appropriate workgroups to discuss those issues.
5. Provide technical support and application development of Geographic Information Systems (GIS) technology.

Measures:

- a. Support modeling efforts with GIS applications developed, for spatial allocation of emissions data, meteorological data and other model inputs.
- b. Explore additional GIS applications in air quality management, as appropriate.

III. DAQ STRATEGIC GOAL

PARTNER WITH OTHER GOVERNMENT AGENCIES

Work in partnership with local government, MPOs, and other state and federal agencies to develop and implement programs for the protection of air quality statewide and to achieve and maintain acceptable air quality along the Wasatch Front.

Measures:

- a. Conformity determinations of TIPs and LRPs are reviewed and comments submitted to the appropriate agency within the comment period of each finding.
- b. Partnership satisfaction and feedback are measured.
- c. Appropriate areas of responsibility are defined for DAQ and local agencies.
- d. Recognition, discussion, prioritization, and resolution of applicable air quality issues occurs.
- e. The State and EPA work together to meet air quality goals in Utah.

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- 1. Continue to implement R307-204, Smoke Management, the Utah Smoke Management Plan (SMP), and MOU to mitigate smoke impacts from managed natural fires and prescribed fire on visibility, public nuisance, and the health-based NAAQS.

Measures:

- a. Coordinate with partner agencies to maintain the Smoke Program Coordinator to make necessary burn approval or denial decisions.
- 2. Participate as appropriate in activities of other partner agencies.

Measures:

- a. The State and EPA work together to understand the causes of elevated levels of PM_{2.5} in the Cache Valley, and work with stakeholders from Cache County, USU, Franklin County, and Idaho State to conduct appropriate studies and collect and analyze appropriate data.
 - b. DAQ staff are involved in planning activities of the MPOs, UDOT and UTA.
 - c. DAQ staff works with the MPOs to acquire and analyze vehicle miles traveled (VMT) data for use in inventory work of the Division.
 - d. Local health department staff are trained as requested in the siting and operations of monitoring equipment.
 - e. Training and other assistance will be provided to tribal air quality staff as requested and within available DAQ resources.
3. Provide technical support to LHD vehicle emissions Inspection and Maintenance (I/M) programs.

Measures:

- a. Work with the LHDs to quantify effectiveness of existing and proposed I/M programs in support of future SIP development.
 - b. Provide technical assistance to LHD I/M program staff.
4. The Division supports and contributes to the goals and objectives of the Center for Automotive Science and Technology at Weber State University.

Measures:

- a. Accurate information provided to stakeholders about the impact of emissions, emission control systems and efficiency of vehicles.
- b. Mobile source emission education & training provided to local & national automotive technicians, instructors, regulatory officials, field engineers and consumer groups.
- c. Working with DEQ staff, partner with secondary and post-secondary engineering and automotive technology programs and assist them in strengthening their air quality-focused programs.

5. Work with EPA to complete federal actions on backlog of State submittals.

Measure:

- a. Appropriate assistance is provided EPA staff responsible for completing federal action on each submittal to facilitate final EPA action on each.

IV. DAQ STRATEGIC GOAL

MAINTAIN DELEGATION OF FEDERAL PROGRAMS

Delegation of federal air quality programs identified in the Clean Air Act Amendments of 1990 by developing appropriate plans, programs, policies, procedures and rules and by actively influencing non-delegated federal air quality programs to reflect Utah needs.

Measures:

- a. Delegated programs are maintained and meet Utah needs.
- b. Program activities result in minimal federal intervention.
- c. Federal and state air quality regulations and rules are reviewed regularly and changes are made to ensure continued authority, applicability and enforceability.

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1. Implement designated facility plans, NSPS, NESHAPS, MACTs, CTGs and RACT.

Measure:

- a. MACT Standards that apply to sources in Utah are adopted and implemented through the Operating Permit process as they are developed and promulgated by EPA.
 - b. NSPS standards that apply to sources in Utah are adopted and implemented through the permit process as they are developed and promulgated by EPA.
 - c. Rules implementing specific source RACT are developed and implemented as appropriate.
2. Continue to submit data to EPA as required by EPA.^{CPM A7}

Measures:

- a. Quality assured ambient air pollution data will be submitted to AIRS no later than 90 days after each calendar quarter.
- b. Data precision and accuracy assessments will be submitted to AIRS no later than 90 days after each calendar quarter.

- c. The database is monitored on an ongoing basis for accuracy and completeness.
- d. Data summary reports are printed for regulatory and public use as appropriate.

V. DAQ STRATEGIC GOAL

INFLUENCE STATE, REGIONAL, AND NATIONAL POLICY

Influence Utah, regional and national air quality policy by actively participating with the Utah Legislature and active involvement with established regional and national policy making organizations.

Measures:

- a. Participation in Utah, regional and national policy-making organizations.
- b. Utah, regional/national policies reflect State and program needs/ requirements.

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- 1. Active participation in appropriate Utah, regional, and national policy-making organizations.

Measures:

- a. The DAQ provides input into the work products of the WRAP, WESTAR, STAPPA, WGA, and FACA Mobile Source Committee.
- b. Where offered and appropriate, DAQ employees assume leadership roles in the activities of forums, teams, or committees of WRAP, WESTAR, STAPPA and AWMA.
- c. DAQ information is provided to the Administrative Rules review committee and other legislative bodies as requested.
- d. DAQ actively participates in appropriate meetings of the MPOs.

VI. DAQ STRATEGIC GOAL

INCREASE PUBLIC AWARENESS

Educate the general public and small businesses about the sources of air pollution, methods to reduce emissions, and the personal and economic benefits of voluntary reductions of air pollution.

Measures:

- a. Public awareness of the causes of air pollution is increased.
- b. Voluntary measures are quantified and used as control strategies where appropriate.
- c. School curricula are developed and staff trained appropriately.

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1. Provide information to the public that may result in lower emissions from the transportation sector of the inventory.

Measures:

- a. Information is prepared and disseminated that promotes the use of alternate fuels.
- b. The Choose-Clean-Air campaign is continued.
- c. No-drive-days and no-burn-days are continued.
- d. Information regarding alternate commute options is provided to appropriate agencies.

2. Respond to questions from the public regarding air quality issues.

Measure:

- a. Respond to questions from the public regarding air quality issues in a timely manner.

3. Conduct community outreach and analysis concerning air toxics issues as determined appropriate by the division and considering available resources and report results to EPA.

Measure:

- a. Work completed based on need and resources.
- b. Accomplishments will be reported to EPA in the annual year-end report.

EPA's Portion of the PPA

Division of Air Quality

1. EPA Region VIII will work with UDAQ as necessary and appropriate when reviewing SIP submittals to clarify issues and communicate actions that may affect Utah.
2. EPA Region VIII will participate in UDAQ Board Meetings when specific issues regarding the partnership between EPA Region VIII and UDAQ are part of the agenda and travel funds permit.

Planning Branch

1. EPA Region VIII will work with EPA HQ when appropriate to help elevate issues to the national level that are uniquely western issues.
2. EPA Region VIII will work with other affected EPA offices when appropriate to consider various approaches to addressing specific issues that impact Utah.
3. EPA Region VIII gives timely attention to any intermediate work products that are developed in the SIP process so as to provide UDAQ its feedback during project development rather than at the end.
4. EPA makes every effort to determine completeness and to take final action on regulatory actions submitted by Utah in accordance with statutory time frames considering existing resources.
5. EPA Region VIII and UDAQ will work together to prioritize existing SIP submittals and on identifying upcoming SIP revisions. EPA Region VIII will keep UDAQ informed on the status of actions.

Permitting Branch

1. EPA will provide review and comments as appropriate for the ITAs within the 30 day public comment period.

Compliance and Enforcement Activities

1. EPA Region VIII, Office of Enforcement, Compliance and Environmental Justice and Utah Division of Air Quality will work to keep each other informed of important and potentially controversial activities involving regulated sources in Utah, including activities involving national and regional initiatives. EPA continues to implement PSD/NSR, Coal Fired Power Plant, and Refinery initiatives nationally and is working to develop an Oil and Gas initiative regionally.